

CLAIMS

- 1 – Water-permeable wall device for controlling and distributing hydrostatic forces using a water-filled structure, said device comprising adjacent
5 reinforced concrete shafts (2) (or any other material) filled with water, said shafts being linked together hydraulically by holes (4), possibly with pipes, so as to balance and control the pressures, the shaft heights being digressive, thus making the shape of a hydraulic weight type dyke-dam.
- 10 2 – Device according to claim 1, having sections (4) of water flow from one shaft to another which way in a decreasing way from upstream to downstream to maintain a permanent overflow effect from one shaft to the other at the top part (6) of the shafts, the upstream flow at the level of the flow always remaining greater than the downstream flow, and allowing the control of the
15 water flow speed from one shaft to another, and the flow rate, and consequently, the hydrostatic forces.